

10903 U.S. PTO
01/09/01

Please type a plus sign (+) inside this box → +

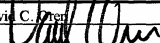
Approved for use through 09/30/2000. CMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	
Attorney Docket No. 017.39133X00	
First Inventor or Application Identifier Khien LE	
Title ROBUST AND EFFICIENT COMPRESSION OF LIST OF ITEMS	
Express Mail Label No.	

APPLICATION ELEMENTS	ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification [Total Pages 33] (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies	
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 7]	ACCOMPANYING APPLICATION PARTS	
4. Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement [Power of Attorney (when there is an assignee)] 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations] 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> Small Entity Statement(s) [Statement filed in prior application Status still proper and desired] 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input checked="" type="checkbox"/> Other: Credit Card Payment Form	
* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.37), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.38).		

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. _____ / _____ Prior application information: Examiner _____ Group / Art Unit: _____ For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.		
---	--	--

17. CORRESPONDENCE ADDRESS	
<input checked="" type="checkbox"/> Customer Number or Bar Code Label: 020457 (insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
Name _____	
Address _____	
City _____	State _____ Zip Code _____
Country _____	Telephone _____ Fax _____

Name (Print/Type) David C. Tran	Registration No. (Attorney/Agent) 38,694
Signature 	Date January 9, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you need to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
 Small Entity payments must be supported by a small entity statement.
 otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
 See 37 C.F.R. §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT (\$1,330.00)

Complete if Known

Application Number
 Filing Date January 9, 2001
 First Named Inventor Khien LE
 Examiner Name
 Group / Art Unit
 Attorney Docket No 017.39133X00

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 01-2135</p> <p>Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.18 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>0.00</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td>0.00</td> </tr> <tr> <td>139</td> <td>130</td> <td>130</td> <td>130</td> <td>Non-English specification</td> <td>0.00</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td>0.00</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>0.00</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td>0.00</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td>0.00</td> </tr> <tr> <td>116</td> <td>380</td> <td>216</td> <td>190</td> <td>Extension for reply within second month</td> <td>0.00</td> </tr> <tr> <td>117</td> <td>870</td> <td>217</td> <td>435</td> <td>Extension for reply within third month</td> <td>0.00</td> </tr> <tr> <td>118</td> <td>1,360</td> <td>218</td> <td>680</td> <td>Extension for reply within fourth month</td> <td>0.00</td> </tr> <tr> <td>128</td> <td>1,850</td> <td>228</td> <td>925</td> <td>Extension for reply within fifth month</td> <td>0.00</td> </tr> <tr> <td>119</td> <td>300</td> <td>219</td> <td>150</td> <td>Notice of Appeal</td> <td>0.00</td> </tr> <tr> <td>120</td> <td>300</td> <td>220</td> <td>150</td> <td>Filing a brief in support of an appeal</td> <td>0.00</td> </tr> <tr> <td>121</td> <td>260</td> <td>221</td> <td>130</td> <td>Request for oral hearing</td> <td>0.00</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>0.00</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td>0.00</td> </tr> <tr> <td>141</td> <td>1,210</td> <td>241</td> <td>605</td> <td>Petition to revive - unintentional</td> <td>0.00</td> </tr> <tr> <td>142</td> <td>1,210</td> <td>242</td> <td>605</td> <td>Utility issue fee (or resissue)</td> <td>0.00</td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td>0.00</td> </tr> <tr> <td>144</td> <td>580</td> <td>244</td> <td>290</td> <td>Plant issue fee</td> <td>0.00</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>0.00</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td>0.00</td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> <td>0.00</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>0.00</td> </tr> <tr> <td>146</td> <td>690</td> <td>246</td> <td>345</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td>0.00</td> </tr> <tr> <td>149</td> <td>690</td> <td>249</td> <td>345</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td>0.00</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td>0.00</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td>0.00</td> </tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 710.00)</td> <td colspan="2">SUBTOTAL (3) (\$ 0.00)</td> </tr> </tbody> </table>		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	0.00	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0.00	139	130	130	130	Non-English specification	0.00	147	2,520	147	2,520	For filing a request for reexamination	0.00	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0.00	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0.00	115	110	215	55	Extension for reply within first month	0.00	116	380	216	190	Extension for reply within second month	0.00	117	870	217	435	Extension for reply within third month	0.00	118	1,360	218	680	Extension for reply within fourth month	0.00	128	1,850	228	925	Extension for reply within fifth month	0.00	119	300	219	150	Notice of Appeal	0.00	120	300	220	150	Filing a brief in support of an appeal	0.00	121	260	221	130	Request for oral hearing	0.00	138	1,510	138	1,510	Petition to institute a public use proceeding	0.00	140	110	240	55	Petition to revive - unavoidable	0.00	141	1,210	241	605	Petition to revive - unintentional	0.00	142	1,210	242	605	Utility issue fee (or resissue)	0.00	143	430	243	215	Design issue fee	0.00	144	580	244	290	Plant issue fee	0.00	122	130	122	130	Petitions to the Commissioner	0.00	123	50	123	50	Petitions related to provisional applications	0.00	126	240	126	240	Submission of Information Disclosure Stmt	0.00	581	40	581	40	Recording each patent assignment per property (times number of properties)	0.00	146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Other fee (specify) _____				0.00	Other fee (specify) _____				0.00	SUBTOTAL (1) (\$ 710.00)		SUBTOTAL (3) (\$ 0.00)	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath	0.00																																																																																																																																																																														
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0.00																																																																																																																																																																														
139	130	130	130	Non-English specification	0.00																																																																																																																																																																														
147	2,520	147	2,520	For filing a request for reexamination	0.00																																																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0.00																																																																																																																																																																														
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0.00																																																																																																																																																																														
115	110	215	55	Extension for reply within first month	0.00																																																																																																																																																																														
116	380	216	190	Extension for reply within second month	0.00																																																																																																																																																																														
117	870	217	435	Extension for reply within third month	0.00																																																																																																																																																																														
118	1,360	218	680	Extension for reply within fourth month	0.00																																																																																																																																																																														
128	1,850	228	925	Extension for reply within fifth month	0.00																																																																																																																																																																														
119	300	219	150	Notice of Appeal	0.00																																																																																																																																																																														
120	300	220	150	Filing a brief in support of an appeal	0.00																																																																																																																																																																														
121	260	221	130	Request for oral hearing	0.00																																																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding	0.00																																																																																																																																																																														
140	110	240	55	Petition to revive - unavoidable	0.00																																																																																																																																																																														
141	1,210	241	605	Petition to revive - unintentional	0.00																																																																																																																																																																														
142	1,210	242	605	Utility issue fee (or resissue)	0.00																																																																																																																																																																														
143	430	243	215	Design issue fee	0.00																																																																																																																																																																														
144	580	244	290	Plant issue fee	0.00																																																																																																																																																																														
122	130	122	130	Petitions to the Commissioner	0.00																																																																																																																																																																														
123	50	123	50	Petitions related to provisional applications	0.00																																																																																																																																																																														
126	240	126	240	Submission of Information Disclosure Stmt	0.00																																																																																																																																																																														
581	40	581	40	Recording each patent assignment per property (times number of properties)	0.00																																																																																																																																																																														
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00																																																																																																																																																																														
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00																																																																																																																																																																														
Other fee (specify) _____				0.00																																																																																																																																																																															
Other fee (specify) _____				0.00																																																																																																																																																																															
SUBTOTAL (1) (\$ 710.00)		SUBTOTAL (3) (\$ 0.00)																																																																																																																																																																																	

SUBMITTED BY		Registration No		Complete (if applicable)	
Name (Print/Type)	David C. Jarek	(Attorney/Agent)	38,694	Telephone	(703) 312-6600
Signature		Date	January 9, 2001		

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231